



RECONNAISSANCE, SURVEILLANCE, & TARGETING VEHICLE (RST-V)



Objective:

- Develop and demonstrate advanced hybrid electric drive and survivability technologies for lightweight recon/scout vehicles deployable via V-22 aircraft

Payoffs:

- High tactical mobility and fuel efficiency
- Integrated survivability/signature mgmt
- V-22 internally transportable
- Advanced RST sensors
- Multi-Service/Program technology feed

Technical Approach:

- Joint DARPA, USMC/ONR
- Technology Demonstration (TD) Program
- Utilize the 845/804 OT Acq. Strategy
- Design, build, and evaluate advanced HED, Survivability, and automotive technologies
- Evaluate during AWEs, User Demos
- Transition to MEFFV, SOCOM, USMC, Army

Performers: ONR, NSWC/CD, GDLS, ATC, MCWL, DARPA

8 July 2003

Maneuver Thrust Area

Schedule:

TASKS	FY01	FY02	FY03	FY04
Integrated Product Teams	[Green bar spanning FY01-FY04]			
TD design improvements	[Green bar spanning FY01-FY02]			
TD fabrication/test		[Green bar spanning FY02-FY03]		
Deliver vehicles to Govt				
Gov't testing/demos			[Green bar spanning FY03-FY04]	
Transition/program end				

Transition: EW/CV FNC, MARCORSYSCOM, SOCOM, Army